

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619630011-4

JONCA, E.

Geological and geographical curiosities from the vicinity of
the city of Walbrzych. Wszechwiat no.1:21 Ja '62.

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CIA-RDP86-00513R000619630011-4"

JONCA, Edmund

On the palaeomorphology of the neighborhood of Piaskowa Gora Town near
Walbrzych City. Przegl' geolog 10 no.2:109-110. P '62.

1. Instytut Geologiczny, Warszawa.

JONCA, Edmund (Warszawa)

"Problems of changing cartographic methods in geographic research"
a collective work edited by N.F.Leontiew. Reviewed by Edmund
Jonca. Czasop. geograf. 33 no.2:271-274 '62.

JONCA, Edmund (Walbrzych)

"Geography for the 5th grade" by M.Czekanska, H.Radlicz-Ruehlowa;
"Geography of Poland for the 6th grade" by M.Czekanska; "Geography
for the 7th grade" by J.Staszewski; "Exercises in geography in
grades 5-7" by A.Chalubinska; "Graphic illustrations in the
teaching of geography" by M.Czekanska. Reviewed by Edmund Jonca.
Czasop geograf 33 no.2:277-280 '62.

JONCA, Edmund (Walbrzych)

Karst sinks in Smerdyna. Czasop geograf 34 no.1:61-66 '63.

JONCA, Edmund; MYCIELSKA-DOWGIALLO, Elzbieta

Age of the carst carters in Smerdyn. Przegl geogr 35 no.1:95-
100 '63.

JONCA, Edmund (Walbrzych)

Geomorphology of the eastern part of the Nida River Basin.
Czasop geograf 34 no.3:271-284 '63.

JONCA, Edmund (Walbrzych)

Rodents and moles as affecting soil erosion in the Walbrzych Upland, Middle Sudetes. Czasop geograf 35 no.1:61-72 '64.

"Relief of the southeastern part of the Aldan Palteau" by A.B. Kornilow [Kornilov, A.B.]. Reviewed by Edmund Jonca. Ibid.:108-109

"Problems of cryology in studying Quaternary formations." Edited by S.P. Kaczurin [Kachurin, S.P.]. Reviewed by Edmund Jonca. Ibid.:109-111

Distr: 4E2c

✓ 6198

621.844.1/1

Jorica J., Experimental Investigations of the Rolling Process,
"Dowiadczalne badanie procesu walcowania", Hutnik, No. 6, 1938,
pp. 201-206, 10 figs., 1 tab.

The measurements made enabled the detection of the following defects in the operation of universal rolling mills: 1) The loads, especially those in the initial passes, when the energy of the flywheel is still great, are small, averaging 100 to 120 tons. On the other hand, in the final passes, when the motor must overcome greater plastic resistance as well as drive the flywheel, the loads rise to the maximum. Since the existing distribution of loads is unfavourable, the power of the motor and of the flywheel is insufficiently utilized. 2) An analysis of the power input shows that the utilization of power is low, ranging from 400 to 600 kW, the lower values being the more common. Thus the full capacity of the 750 kW motor is not utilized, and considerable energy is thereby lost. For this reason, the $\cos \phi$ of the rolling mill is only 0.5. Even when it is assumed that the motor of a universal rolling mill is not a typical roller motor, the conditions of its work can under no circumstances be set below the nominal value. 3) The considerable drop in the number of flywheel revolutions per minute, and the resulting prolongation of the intervals — during which the speed of the flywheel resumes the nominal value — are not justified either by technical or electrical reasons. The experiments and the subsequent analysis have revealed some anomalies in the operation of universal rolling mills and have made it possible to adjust the conditions of the rolling process.

POL/39-25-11-12/26

18(5)

AUTHOR: Jonca, J., Kazior, Z., and Rąbalski, J., Mechanical Engineers

TITLE: Pressure of the Metal on the Rolls and Its Measurement
(Nacisk metalu na walce i jego pomiar)

PERIODICAL: Hutnik, 1958, Vol 25, Nr 11-12, pp 492-497 (Poland)

ABSTRACT: The constant measurement of the pressure of the metal on the rolls allows rolling mills to operate under optimum conditions, to utilize the rolling equipment more fully and to quickly discover troubles when they appear. The pressure-measuring device must meet the following requirements: stability of the zero point, insensitiveness to temperature and other outside influences, speed of indication, reliability without supervision, simple construction, easy installation, low cost, transmission of measurements. These requirements are met by two electric measuring methods: the induction method and the resistance (tensiometric) method of pressure measurement. The article describes

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Pressure of the Metal on the Rolls and Its Measurement

the indicators designed and built according to these methods by the Institute of Iron Metallurgy. The resistance (tensiometric) indicators are designed for nominal loads from 30 to 1500 tons and have a rectilinear characteristic; they ensure measurements with an accuracy of 1 to 2%. The induction indicators have a 5% accuracy and, practically, a rectilinear characteristic. Tensiometric indicators should be employed where a high accuracy is required, for instance in cold mills. Induction indicators are suited for hot mills. There are 4 photographs, 8 diagrams, 2 circuit diagrams, 1 table and 9 references, 5 of which are Polish, 1 English and 3 German.

ASSOCIATION: Instytut metalurgii żelaza - Gliwice (Institute of Iron Metallurgy, Gliwice)

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18(5), 28(1)

POI/39-59-5-4/14

AUTHOR: Hagel, Ryszard, and Jonca, Joachim, Masters of
Engineering Sciences

TITLE: Trends of Rolling Mill Automation in Poland

PERIODICAL: Hutnik, 1959, Nr 5, pp 190-193 (Poland)

ABSTRACT: Automation of rolling processes not only speeds up production but also improves the quality of the product, reduces equipment wear, makes servicing and maintenance easier and less costly. The following are the basic conditions required before automation; the equipment to be automated must be mechanised; the particular mechanisms must be adapted to automation; the entire technological process (continuity) must be adapted to automation; supplies of the basic elements of automation (measuring and control equipment) must be assured; finally, adequately trained personnel must be available. In modern conditions almost every productive process can be automated, yet in many

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Trends of Rolling Mill Automation in Poland

cases such a step would be economically unsound. Hence the need for a careful economic as well as technological analysis before any decision is undertaken to automate. Such analysis have shown that the wisest way to proceed is to automate gradually particular parts of the entire productive process. Investments are thus spread out more evenly and amortisement is achieved more rapidly. The following figures have been obtained in Czechoslovakia: amortisement time of rolling mills: 7 years; furnaces: 2 to 2 1/2 years; steel mills: 4 to 7.6 years. Rolling mill automation may be subdivided into 4 parts: automation of the control processes; automation of auxiliary operations; automation of the main drive and power sources; finally, automation of the rolling process proper. Some first steps in automation have already been taken in Poland. The Iron Metallurgy Institute in Gliwice has elaborated equipment now used in some plants for the measurement and control of temperatures

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Trends of Rolling Mill Automation in Poland

and pressures. The hoop-iron rolling process at the Florian Plant and the wire drawing at the Cedler plant are, for instance, partly automated and certainly fit for complete automation since they are totally mechanised. Having next enumerated all the various types of rolling, pressing and drawing processes, both hot and cold, the author gives the following conclusions: mechanization must precede automation; careful economic and technological analysis should precede automation; automation should begin with the auxiliary processes; as far as initial hot rolls are concerned, the setting of the rolls should above all be automated; with cold ribbon pressing, the thickness of the product should be automatically regulated; in all rolling mills heating and temperature, loading and unloading should be automatically controlled.

ASSOCIATION: Instytut metalurgii zelaza - Gliwice (Institute of
Card 3/3 Iron Metallurgy - Gliwice)

18(5)

POL/39-26-3-6/13

AUTHORS:

Jonca, Joachim, and Rabalski, Jerzy, Engineers

TITLE:

The Measuring of Pressure and Rotation Moment During
the Hot Rolling Process

PERIODICAL: Hutnik, 1959, Vol 26, Nr 3, pp 113-119 (Poland)

ABSTRACT:

Due to the fact that mechanical metering clockworks for measuring the pressure moment during the rolling process are not exact enough, a tensiometer is used. The construction of this tensiometer is shown in a block diagram (Figure 2). A cutaway drawing is given in figure 3. However, after each measuring process, the tensiometer has to be gaged again. Figure 6 shows the gage diagram with a load of 500 tons and values of mV. Tensiometers already known are listed, e.g. manufactured by the firm of H. Seiger & E. Cramer in 1939 and the firm of Hottinger Messtechnik. It is stated that the measuring error in general does not exceed 3%. In figure 10 a tensiometer for determination of the rotation moment is shown. 1) The tensiometers are fixed to the metering shaft 2) at an angle

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The Measuring of Pressure and Rotation Moment During the Hot Rolling Process

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of 45° (see also figure 11). An example for the gag-
ing (12Tm) this tensiometer with design and diagram
is given in figures 13 and 14. For measuring ampli-
fier and recorder models KWS II/5 and He 4 (Figures
15 to 17) of the firm of Hottinger Messtechnik G.m.b.
H. (West Germany) are used, of which a description is
given. There are 9 photographs, 4 graphs, 3 diagrams
and 6 references, 2 of which are German and 4 Soviet.

ASSOCIATION: Instytut Metalurgii Zelaza - Gliwice (Institute of
Iron Metallurgy, Gliwice)

SUBMITTED: October 16, 1958

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Card 2/2

JONCA, J., RABALSKI, J.

Apparatus for the measurement of wire-and bar-drawing forces. p. 630
Present achievements and short-term production tasks of the Soviet machine-tool industry. p. 634

MECHANIK Warszawa, Poland Vol. 32, no. 10, Oct. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2,
Feb. 1960
Uncl.

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CIA-RDP86-00513R000619630011-4

BALA, Stanislaw, mgr ins.; JONCA, Joachim, mgr ins.

Analysis of the rolling process in the 750 mm duoblooming mill.
Wiad hut 16 no. 6:169-177 Je '60.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619630011-4"

P/034/61/000/009/002/004
D247/D302

AUTHORS: Hagel, Ryszard and Jońca, Joachim, Masters of Engineering

TITLE: The selsyn follow-up system applied to the positioning of back-up roll and guides in steel mills

PERIODICAL: Pomiary, Automatika, Kontrola, no. 9, 1961, 379-381

TEXT: The authors describe a selsyn system for measuring the position of back-up rolls during hot rolling. They give the results obtained with the system during laboratory and field tests and discuss the possibility of applying the system to the positioning of other elements in hot steel rolls. The system was developed at the Institute for Steel Metallurgy at Gliwice. The general layout of the system is shown in Fig. 2. The system has two selsyns: coarse and fine. Movement of the roll is transmitted by a system of mechanical linkage and gearbox to the selsyns in the transmitter. The intermediate gearbox is chosen in such a way that 50 mm movement of roll corresponds to 1 rev of fine selsyn. The reduction value

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The selsyn follow-up system...

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is individual for each stand. Unbalanced voltage of coarse selsyn ΔU_{SG} and the fine selsyn ΔU_{SD} is fed to the amplifier which drives the motor. The motor, through a reducing box, drives selsyns in the receivers and pointers in the scale which correspond to the actual position of the roll. The transmitter is situated on the stand. The transmitting selsyns are Type SN-1 Receiver selsyns Type SO-2 Class 1. The circuit diagram is given for the input signal feeding to a push-pull amplifier. For graphical reasons the control voltage is limited to 60 v by means of bulbs. The tests were conducted at the Institute on a stand with the maximum movement 100 mm. The backlash of the measuring system was 0.05 mm and corresponded to one division on the fine scale. For unidirectional movement the scatter of reading was .02 mm; for bidirectional movement the scatter was .18 mm. These measurements were compared with the actual opening between rolls. The same system can also be used for measuring the position of vertical rolls, guides etc. The application of the system for positioning of guides in the steel mill is shown as well as the application of the system for keeping constant difference

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The selsyn follow-up system...

between two pairs of guides. Fig. 10 shows the arrangement whereby the operator can choose a preset position for the roll by actuating switch 4. The operator can obtain the position for the roll, while the first one is still being continued. Then upon pressing switch 4 the roll comes to the derived position with the optimum speed. There is also a possibility for the remote control of several stands from one control point. There are 10 figures and 3 Soviet-bloc references.

ASSOCIATION: Instytut metalurgii żelaza Gliwice (Institute for Metallurgy of Steel Gliwice)

Legend to Fig. 2: a - stand; b - measuring device; 1 - intermediate gear box; 2 - transmitter; 3 - receiver; 4 - amplifier; 5 - motor; 6 - reducing gear box; 7 - coarse scale; 8 - fine scale.

Legend to Fig. 10: a - selling mechanism; 1 - derived value; 2 - manual selling; 3 - measured value; 4 - switch; 5 - amplifier; 6 - power amplifier; 7 - setting motor; 8 - intermediate gear box.

Card 3/4

GORECKI, Wilhelm, mgr inż. JONCA, Joachim, mgr inż.; CZAJKA, Eryk,
mgr inż.

Calculation of roll pressure during cold rolling of brass.
Pt.1. Rzeczy i metale 9 no. 5:243-247 Maj '64.

GORECKI, Wilhelm, mgr inż.; JONCA, Joachim, mgr inż.;
CZAJKA, Eryk, mgr inż.

Calculation of pressure forces in cold rolling of brass
sheets. Rudy i metale 9 no.6:307-312 Je '64.

BORZYNSKA, Bozena; JONCZYK, Barbara; SYROWATKA, Tadeusz; WYSOCKI, Eugeniusz

Preliminary evaluation of antibacterial properties of arydil soaps.
Przegl. epidem. 15 no.3:325-329 '61.

1. Z Laboratorium Technologicznego Dezynfekcji, Dezynsekcji,
Deratyzacji Ministerstwa Zdrowia i Opieki Społecznej Kierownik:
dr Konrad Zambruski.
(ANTISEPTICS) (SOAPS)

JONCZYK, JERZY

Poland

CA: 47:12751

"Albomycin, a new Soviet antibiotic"

Farm. Polska 8, 466-8 (1952).

CIESLIK, J.; DERKO, H.; JONCZYK, M.

Testing the insulating properties of Alundum of various origins.
Przem inst elektron prace 5 no.1:43-51 '64.

1. Department of Emission Testing of the Industrial Institute of
Electronics and Electric Lamp Manufacture, Warsaw. Submitted Febru-
ary 5, 1964.

SROCZYNSKI, Jan; JONDERKO, Gerard

Erythrocytic catalase in chronic plumbism in rabbits. Postepy
hig.med. dosw. 17 no.5:609-614 S-0'63

l. Z II Kliniki Chorob Wewnetrznych Slaskiej AM w Zabrze
Rokotnicy; kierownik: prof.dr. W. Zahorski.

JONDERKO, Gerard; SROCZYNSKI, Jan

Behavior of the blood level of reduced glutathione in experimental plumbism in rabbits. Postępy hig.med.dosw. 17 no.5:615-618 S-0*63

1. Z II Kliniki Chorob Wewnętrznych Śląskiej AM i Działu Klinicznego Instytutu Medycyny Pracy w Zabrzu-Rokitnicy; kierownik: prof.dr. W. Zahorski.

EXCERPTA MEDICA Sec.6 Vol.12/5 Int. Medicine May 58

JONDERKO, G.

2939. DIAGNOSTIC VALUE OF THE BLOOD SERUM PEPTIDASE REACTION
IN THE COURSE OF LIVER DISEASES - Wartość rozpoznawcza reakcji
peptydaz surowicy krwi w przebiegu chorób wątroby - Jonderko, G.
II. Klin. Chor. Wewn. Śląskiej A.M., Zabrze - POL. TYG. LEK. 1957,
12/39 (1500-1503) Graphs 1 Tables 1

In order to estimate the diagnostic value of investigation of the blood serum multi-
and bi-peptidase activity, the author performed the blood serum peptidase reaction
according to Schierge's method, Maclagan's thymol test, Takata-Ara's re-
action, erythrocyte sedimentation rate. Besides he determined the bilirubin level
in the blood serum in 213 cases of various liver diseases. As a control group
there were examined 85 persons without morbid lesions in the liver system at the
moment of examination. On the basis of the results obtained the author reaches
the following conclusions: (1) The blood serum peptidase reaction makes possible
to a large extent an orientation as to the intensification of actual destruction of
hepatic cells. (2) The result of the blood serum peptidase reaction is independent
from the tests based on the phenomenon of 'instability of the serum colloids' of
the blood and on the bilirubin level in the blood serum. (3) The blood serum pepti-
dase reaction does not replace the other hepatic tests; it is only their supple-
mentation.

EXCERPTA MEDICA Sec 19 Vol 2/7 Rehabilitation Jul 50

1533. Investigation of fitness to work in coal-miners with chronic myocardial diseases and arterial hypertension, based on four years' observations Badania zdolności do pracy górników z przewlekłymi chorobami mięśni sercowego i nadciśnieniem tętniczym, przeprowadzone na podstawie 4-letniej obserwacji. ZABORSKI W., JONDERKO G. and MYŚLAK Z. II Klin. Chor. Wewnęt. Śląskiej Akad. Med.; Działu Klin. Inst. Med. Pracy, Przemyśl Węglow. i Hutnicz., Żabrze Med. Pracy 1958, 9/4 (257-263) Graphs 2 Tables 1

145 coal-miners suffering from chronic myocardial diseases (92 persons) or arterial hypertension (53 persons) were observed for 4 yr. A control group of identical age structure and similar occupational hazard was chosen at random. Chronic diseases of the circulatory system evidently limit the fitness for mining work. Chronic myocardial diseases cause inability for the heaviest work on the coal face, and limit to a lesser degree the possibility of employment in moderately heavy work both above and underground. Arterial hypertension interferes more with occupational fitness than does chronic cardiac muscle disease. It seems that in this group the special conditions of underground work play the main role, while the physical effort during the work plays a smaller one. (XVII, 6, 19)

JONDERKO, Gerard; SROCZYNSKI, Jan

A case of Brill-Symers disease. Polski tygod. lek. 13 no.6:223-226
10 Feb 58.

1. Z II Kliniki Chorob Wewnetrznych Slaskiej A. M.: kierownik: prof. dr
Witold Zahorski. Adres: Zabrze, ul. 3 Maja 13.
(LYMPHOMA, GIANT FOLLICULAR, case reports
(Pol))

SROCZYNSKI, Jan; JONDERKO, Gerard

Blood glutathione level during the course of acute plumbism in
rabbits. Postery hig.med.dosw. 13 no.6:755-758 '59.
(GLUTATHIONE blood)
(LEAD POISONING blood)

JONDERKO, Gerard; SROCZYNSKI, Jan

Anti-thrombocytic antibodies as a pathogenic factor in chronic idiopathic thrombopenia. Polskie arch.med.wewnetrz. 29 no.11: 1549-1558 '59.

I. z II Kliniki Chorob Wewnetrznych Sz. A.M. Kierownik: prof.dr.med.
W. Zahorski.
(THROMBOOPENIA immunol.)
(ANTIBODIES)

JONDERKO, Gerard (Zabrze 3, ul. Zamkowa 4)

A simple method of quantitative determination of blood serum
peptidase activity. Polakie arch. med. wewn. 39 no.1:1-4 1959.

l. Z II Kliniki Chorob Wewnętrznych Śląskiej A.M. Kierownik: prof. dr
med. W. Zahorski.

(PROTEASES, in blood,
peptidase, determ. (Pol))

JONDERKO, Gerard; KOSMIDER, Stanislaw

Effect of x-ray on catalase activity. I. Catalase activity of
the erythrocytes in experimental radiation sickness in rabbits.
Arch.immun.ter.dosw. 8 no.3:519-523 '60.

1. II Klinika Chorob Wewnętrznych Śląskiej Akademii Medycznej
w Zabrzu.

(RADIATION INJURY blood)
(ERYTHROCYTES chem)
(CATALASE blood)

JONDERKO, Gerard

Effect of x-ray on catalase activity. II. Catalase activity of
irradiated hemolysates of rabbit blood. Arch.immun.ter.dosw. 8
no.3:525-529 '60.

1. II Klinika Chorob Wewnętrznych Śląskiej Akademii Medycznej w
Zabrzu.

(CATALASE blood)
(ERYTHROCYTES chem)
(HEMOLYSIS)

SROCZYNSKI, Jan; JONDERKO, Gerard

A case of symmetric gangrene of the extremities consecutive to
generalized arteritis. Polski tygod. lek. 16 no.16:596-598
16 Ap '61.

l. Z II Kliniki Chorob Wewnętrznych Sz. A.M.; kierownik: prof. dr
med. Witold Zahorski.

(PERIARTERITIS NODOSA compl) (GANGRENE etiol)
(EXTREMITIES dis)

JONDERKO, Gerard; BUCZKOWSKI, Mieczyslaw

Catalase activity of the erythrocytes in infectious jaundice.
Polskie arch. med. wewnętrz. 31 no.1:21-23 '61.

1. Z II Kliniki Chorób Wewnętrznych Sz. AM Kierownik: prof. dr
W. Zahorski.

(HEPATITIS INFECTIOUS blood) (ERYTHROCYTES chem)
(CATALASE blood)

JONDERKO, Gerard

Glutathione in the erythrocytes in normal subjects and in thyroid diseases. Polskie arch. med. wewnętrz. 31 no.2:175-179 '61.

I. Z II Kliniki Chorób Wewnętrznych Sz. A.M. Kierownik: prof. dr med. W. Zahorski.

(GLUTATHIONE blood) (ERYTHROCYTES chem)
(THYROID GLAND dis)

JONDERKO, Gerard

Glutathione level in the blood in diffuse liver lesions. Polskie arch.
med. wewn. 31 no. 3:317-320 '61.

I. Z II Kliniki Chorob Wewnetrznych Sz. A.M. Kierownik: prof. dr med.
W. Zahorski.

(GLUTATHIONE blood) (HEPATITIS blood)

JONDERKO, Gerard

Diagnostic value of the determination of the blood glutathione level
in chronic lead poisoning in human subjects. Polskie arch. med. wewn.
31 no.5:647-655 '61.

1. Z II Kliniki Chorob Wewnętrznych S. AM Kierownik: prof. dr med.
W. Zahorski.

(GLUTATHIONE blood) (LEAD POISONING blood)

JONDERKO, Gerard; BUCZKOWSKI, Mieczyslaw

Catalase activity and osmotic resistance of the erythrocytes.
Acta physiol pol 12 no.1:133-136 '61.

1. Z II Klin. Chorob Wewn. Sl. A.M. w Zabrzu-Rokitnicy Kierownik:
prof. dr W. Zahorski.
(CATALASE blood) (HEMOLYSIS)

SROCZYNISKI, Jan; JONDERKO, Gerard

Generalized edemas and urticaria as an early manifestation of
lymphosarcoma. Polski tygod. lek. 17 no.26:1041-1042 25 Je '62.

1. z II Kliniki Chorob Wewnętrznych Sz AM w Zabrzu; kierownik: prof.
dr med. Witold Zahorski.
(EDEMA etiol) (URTICARIA etiol) (LYMPHOSARCOMA diag)

POLAND

JONDERKO, Gerard, PIETRASZEK, Felicja, and KOSSMANN, Stefan,
Second Clinic of Internal Diseases (II Klinika Chorob Wewnetrznych), S1.AM [Slaska Akademia Medyczna, Silesian Medical Academy] [in Zabrze] (Director: Prof. Dr. med. Witold ZAHORSKI)

"Hemorrhagic Changes of the Skin in Diabetes, Complicated with Focal Inflammatory States. Report of Five Cases."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 23, 3 Jun 63,
pp 825-829

Abstract: [Authors' English summary] Authors describe five (5) cases of allergic skin vacuolitis of the Ruitter type in diabetic patients with focal inflammatory states, and discuss the pathogenesis and treatment of these conditions. There are 19 references, of which seven (7) are Polish and six (6) each in German and Western sources.

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"duodenal Ulcer."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 37, 9 Sep 63,
pp 1393-1396

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Abstract: [Authors' English summary modified] Authors report the details of their study on the therapeutic effect of ambutonium bromido in peptic ulcers, and conclude that 4 x 10 mg daily for two weeks together with alusal is effective. Considering the time of absorption from intestinal tract, it should be taken one hour before meals in the case of gastric, and immediately before the meals in the case of duodenal ulcers. There are five (5) English-language references.

1/1

STOCZYSKI, Jan; JONDERKO, Gerard.

The prophylactic use of disodium-calcium versenate in experimental lead poisoning in rabbits. I. Effect on the blood levels of reduced glutathione. Arch. immun. ther. exp. 12 no.2:225-228 '64.

The prophylactic use of disodium-calcium versenate in experimental lead poisoning in rabbits. II. Effect on catalase activity of erythrocytes. Ibid.: 229-231

1. Clinic of Internal and Occupational Diseases, Silesian School of Medicine, Zabrze.

JONDERKO, Gerard; DABROWSKI, Zdzislaw

The effect of heavy metal salts and calcium disodium and magnesium disodium versenate on the activity of serum phosphomonoesterase I. in vitro studies. Arch. immun. ther. exp. 12 no. 5:592-601 '64

1. Clinic of Internal and Occupational Diseases, Silesian School of Medicine, Zabrze.

JONDERKO, Gerard

Effect of heavy metal salts on the lactic dehydrogenase activity.
Pol. arch. med. wewnet. 34 no.12:1583-1586 '64.

1. Z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej Akademii Medycznej (Kierownik: prof. dr. med. W. Zahorski).

JONDERKO, Gerard

Calcium, manganese, inorganic phosphorus, sodium, potassium
and iron level in the blood serum in the acute experimental
manganism. Med. pracy 16 no.4:288-292 '65.

1. Z Kliniki Chorob Wewnetrznych i Zawodowych Slaskiej AM
(Kierownik: prof. dr. med. W. Zahorski).

JONDEK KO, Gerard; ROGALA, Edmund; KOWICKA-SLOWKO, Helena

Investigations of the carbohydrate metabolism and ketone level in bronchial asthma. Pol. tyg. lek. 20 no.23:842-844
7 Je '65.

1. z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej AM (Kierownik: prof. dr. med. W. Zahorski) i z Zakładu Medycyny Sądowej Śląskiej AM (Kierownik: doc. dr. med. T. Pragowski).

JONDERKO, Gerard; BUCZKOWSKI, Mieczyslaw

The effect of chronic intoxication with manganese chloride on
the level of fetal hemoglobin in rabbits. Pol. arch. med. wewnet.
35 no.4:461-463 '65.

1. Z Kliniki Chorob Wewnetrznych i Zawodowych Slaskiej AM
(Kierownik: prof. dr. med. W. Zahorski).

JONDERKO, Gerard; DABROWSKI, Zdzislaw; ZAJACZKOWSKI, Stanislaw

Studies on the activity of some enzymes in the blood serum
and erythrocytes in experimental acute manganese poisoning.
Pol. arch. med. wewnet. 35 no.8:1223-1227 '65

1. Z Kliniki Chorob Wewnętrznych i Zawodowych Śląskiej AM
(Kierownika prof. dr. med. W. Zahorski).

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AUTHOR: Murgas, Karol--Murgash, K. (Doctor; Bratislava); Jonec, Viliam--Ionets, V. (Doctor; Bratislava) 22 23

ORG: Institute of Endocrinology, SAV, Bratislava (Endokrinologicky ustav SAV)

TITLE: Distribution of ascorbic acid in the adrenal cortex of rats under acute cold induced stress 22 23

SOURCE: Biologia, no. 11, 1965, 862-866

TOPIC TAGS: adrenal gland, ascorbic acid, histology, rat, central nervous system, heat biologic effect, biochemistry

ABSTRACT: The concentration of ascorbic acid decreases under the conditions discussed. It was found that under stress the number of granules found by histological methods is directly proportional to the decrease of the content of ascorbic acid. When the content of ascorbic acid was decreased by means of various influences acting upon the CNS, there was no direct proportional connection between the two phenomena. Orig. art. has: 8 figures and 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 25May65 / ORIG REF: 002 / OTH REF: 005

KRULICH, L.; JIRGL, V.; JONEC, V.; RYBAK, M.; SCHREIBER, V.; KMENTOVA, V.

On the nature of a hypothalamic factor activating acid phosphatase
in the pituitary in vitro. Cesk.fysiol. 9 no.2:175 Mr '60.

1. Fysiologicky ustav fak. vseob.lek. KU, Ustav hematologie a
krevni transfuse, Praha, Endokrinologicky ustav SAV, Bratislava,
Laborator pro endokrinologii a metabolismus fak. vseob. lek.
KU, Praha.

(PITUITARY GLAND metab)

(PHOSPHATASES metab)

(HYPOTHALAMUS extract)

LICHARDUS, B.; JONEC, V.; MITRO, A.; CORT, J.H.

The effect of a posterior hypothalamic lesion on the reaction to a salt-retaining stimulus in the rat. Physiol. Bohemoslov. 14 no.2:126-129 '65.

1. Institute of Endocrinology, Academy of Sciences, Bratislava
and Institute for Cardiovascular Research, Prague.

JONEC, V.

Factors influencing reactions of the adrenal cortex to cold. Bratisl.
lek. listy 42 no.6:377-388 '62.

1. Z Endokrinologickeho ustavu SAV v Bratislave, riaditeľ MUDr.
J. Podoba, C. Sc.

(ADRENAL CORTEX physiol) (COLD)

JONEC,V.

Spreading depression and adrenocortical function in the adaptation of the organism to repeated short-term stress. Activ. nerv. sup. 6 no.1:32-33 '64.

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MURGAS, Karol; JONEC, Viliam

Distribution of ascorbic acid in the adrenal cortex of rats under cold stress. Biologia (Bratisl.) 20 no.11:862-866 '65.

1. Endokrinologicky ustav Slovenskej Akademie vied, Bratislava.

ZIAREK, Stanislaw; JONCKO, Antoni

Intraderman adrenalin tests in hyperthyroidism. Polski tygod. lek.
14 no.23:1048-1052 8 June 59.

1. (Z I Kliniki Chirurgicznej Slaskej A.M. w Zabrze; kierownik: doc.
dr St. Szyszko.
(HYPERTHYROIDISM, diag.) (EPINEPHRINE)

PALIWODA, Tadeusz; JONECKO, Antoni; SOSNIERZ, Marian

Tumor of the glomus caroticum. Polski przegl.chir. 31 no.11:
1243-1248 N '59.

1. Z I Kliniki Chirurgicznej Kierownik: doc. dr S. Skyszko
i z Zakladu Anatomii Patologicznej Sl. A. M. w Zabrze
Kierownik: doc. dr W. Niepolomski.
(GLOMANGIOMA case reports)

JONECKO, Antoni

On the use of drains made of domestic preparations as venous cannules
in venesection. Polski tygod. lek. 16 no.28:1077-1078 10 Jl '61.

1. Z I Kliniki Chirurgicznej Sl. A.M. w Zabrzu; kierownik: doc. dr
med. Stanislaw Szyszko.

(VEINS surg) (INFUSIONS PARENTERAL equip & supply)

ZIAREK, Stanislaw; JONECKO, Antoni; SAWARYN, Tadeusz

Oligo-biopsy of the thyroid in clinical practice. Polski przegl.
chir. 33 no. 3:221-228. '61.

1. Z I kliniki Chirurgicznej St. An W Zabrze. Kierownik: doc dr
B. Szyszko.

(THYROID GLAND pathol)

ZIREK, Stanislaw; JONECKO, Antoni

Isolated fibrosis of the thyroid capsule. Polski przegl. chir. 33
no. 5: 477-480 '61.

1. Z I Kliniki Chirurgicznej Sz. A.M. w Lublinie Kierownik: doc.
dr S.Szyszko;
(THYROID GLAND dis)

HOJA, S.; technicka spoluprace JUNECOVA, K.

Study of chromophilic and chromophobic Purkinje cells in
mouse mutants with hereditary anemia. Bratisl. lek. listy
44 no. 9: 532-540 '64

1. Katedra Lekarskej biologie Lek. fakulty Univerzity Komenskeho
v Bratislave (veduci prof. MUDr. V. Vrsansky) a Biologicky ustanov
Lek. fakulty Univerzity Martina Luthera v Halle (Saale) (veduci
prof. Dr. H.A. Freye).

JONEK, Jan; KOSMIDER, Stanislaw

Histochemical studies on the activity of some enzymes in the heart muscle during different stages in the development of acute postradiation disease. Arch. immun. ther. exp. 12 no.2: 232-241 '64

1. Department of Histology, Silesian School of Medicine, Zabrze;
Clinic of Internal and Occupational Diseases, Silesian School
of Medicine, Zabrze.

JONEK, Jan.

Variations of peripheral leukocyte count during menstrual cycle.
Gin. polska 26 no.4:445-450 1955.

l. Z Zakladu Histologii Prawidlowej i Embriologii Slaskiej
A.M. Kierownik: prof. dr T.Pawlikowski. Zaklad Histologii
Slaskiej A.M., Zabrze 8, ul. K.Marksa 19.

(MENSTRUATION, blood in,
leukocyte count variations during cycle)
(LEUKOCYTE COUNT,
in menstrual cycle)

POLAND / Human and Animal Physiology. Internal Secretion.

T-7

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3681.

Author : Jonek, J.
Inst : Not given
Title : Histochemical Study on the Appearance of
Acetalphosphatides in the Female Genitalia and Their
Relation to the Normal Function of the Ovaries

Orig Pub : Ginekol. Polska, 1957, 28, No 6, 641-648

Abstract : Acetalphosphatides (I; plasmalogen) are found in the ovaries, uterus, tubes, and in the multilayer of flattened epithelium of the vagina. In the uterus, the lowest concentration of the acetalphosphatides (I) is seen at the moment when menstruation ceases, the highest just preceding the menses. The acetalphosphatides (I) values in genitalia of adult women decrease with age.

Card 1/1

EXCERPTA MEDICA Sec 10 Vol 12/6 Obstetrics June 59

887. THE BEHAVIOUR OF THE SEXUAL CHROMATIN IN NEUTROPHIL GRANULOCYTES IN THE PERIPHERAL BLOOD DURING PREGNANCY -
Zachowanie się chromatyny płciowej w granulocytach neutrofilnych krwi obwodowej w czasie ciąży u kobiet - Jonek J. Zakt. Histol. i Embriol. Śl. A.M., Zabrze - PAT. POL. 1958, 9/3 (227-231)
In 42 women aged 19 to 38 yr the 'drumstick' sexual chromatin in neutrophil granulocytes varied parallel with other nuclear lobes and so they probably are not subject to hormonal influences. (VI,10)

JONEK, Jan (Bytom, Batorego 15.)

Histochemical changes in the placenta in prolonged pregnancy. Gin.
polska 29 no.2:125-129 Mar-Apr 58.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych Slaskiej A. M. w Bytomiu
Kierownik: prof. dr med. B. Stepowski.

(PREGNANCY,
prolonged, eff. on placental histochem (Pol))

(PLACENTA, metab.
histochem. eff. of prolonged pregn. (Pol))

JONEK, Jan

~~Development of primordial follicles in the ovaries of female rabbits.~~
Gin. polska 29 no.5:519-524 Sept-Oct 58.

1. Z II Kliniki Chorob Kobiecych i Poloznictwa Slaskiej A. M. w Bytomiu Kierownik: prof. dr B. Stepowski II Klinika Poloznicza Kobiecych Slaskiej A. M. Bytom, Batorego 15.

(OVARI~~S~~, physiol.
primordial follicular develop. in rabbits (Pol))

EXCERPTA MEDICA Sec 10 Vol 12/12 Obstetrics DEC 59

2141. THE DEVELOPMENT OF AND HISTOCHEMICAL CHANGES IN THE
INTERSTITIAL CELLS IN THE OVARIES OF FEMALE RABBITS - Rozwój
i zmiany histochemiczne komórek śródmiąższowych w jajnikach królic -
Jonek J., II. Klin. Ginekol.-Poznań, Bytom - GINEK, POL. 1958, 29/5
(525-532) Illus. 8

Ovaries from 14 rabbits in in-vitro culture and under the influence of stilboestrol were examined. Interstitial cells appear through transformation of cells of the internal follicular membrane. With development, there appear in the cytoplasm lipids, cholesterol and its esters, acetalphosphatides and vit. C. The appearance of vit. C is inversely proportional to the synthesis of DNA. Both the morphological and histochemical structures of interstitial cells show that they play the role of endocrine glands. Degeneration of interstitial cells occurs in several places simultaneously. Probably some of them undergo atrophy while other cells are transformed into stroma cells.

(1, 10)

JONEK, Jar

Chromatographic determination of steroid hormones in the
interstitial cells of the ovary. Gin.polska 30 no.6:671-676
N.-D '59.

1, Z II Kliniki Poloznictwa i. Chorob Kobiecyh Sl. A. M. w
Bytomiu Kierownik: prof. dr B. Stepowski.
(STEROIDS chem)
(OVARY chem)

JONEK, Jan; ZAJUSZ, Kazimierz

Effect of acid sodium carbonate on experimental silicosis in white
mice. Pat.polska 12 no.1:41-52 '61.

1. Z Instytutu Medycyny Pracy w Zabrze-Rokitnicy Dyrektor: prof.
dr B. Nowakowski.
(SILICOSIS exper) (CARBONATES pharmacol)

JONEK, Jan; ZENNEGG, Marian

Development of the adrenals in human fetuses in normal conditions and
in developmental anomalies. Gin.polska 32 no.1:25-33 '61.

1. z II Kliniki Polonictwa i Chorob Kobiecych Sz. A.M. w Bytomiu
Kierownik: prof. dr med. B. Stepowski.

(ADRENAL GLAND embryol) (MONSTERS)

CEKANSKI, Adam; GLENC, Franciszek; JONEK, Jan

Observations on nuclear chromatins in parents of infants with developmental defects. Ginek. pol. 33 no.5:581-584 '62.

1. z II Kliniki Poloznictwa i Chorob Kobiecych Slaskiej AM w Bytomiu.
Kierownik: prof. dr med. B. Stegowski.
(ABNORMALITIES) (SLX CHROMATIN)

VORBRODT, Andrzej; JONEK, Jan; STEPLIWSKI, Zenon

Histochemical studies on the effect of estrogens on the uterus
and vagina of castrated mice. I. Distribution of DPNH diaphorase
and succinic dehydrogenase. Endokr. pol. 14 no.1:57-68 '63.

I. Zaklad Histologii i Embriologii Sl. AM w Zabrze-Rokitnicy
Kierownik: doc. dr A. Verbrodt.

(UTERUS) (VAGINA), (ESTROGENS)
(PHARMACOLOGY) (SUCCEINATE DEHYDROGENASE)

JONEK, Jan GLENC, Franciszek

Behavior of alkaline and acid phosphatases and of ATPase in
the uterine mucosa of menopausal women. Endokr. pol. 14 no.1s
85-99 '63.

I. II Klinika Polozniczo-Ginekologiczna Sl. AM w Zabrze-
Rokitnicy Kierownik: prof. dr Br. Stepowski.
(MENOPAUSE) (MUCOUS MEMBRANE)
(ALKALINE PHOSPHATASE) (HISTOCHEMISTRY)
(ACID PHOSPHATASE) (ADENOSINE TRIPHOSPHATASE)
(UTERUS) (FALLOPIAN TUBES)

JONEK, Jan; STEPLEWSKI, Zenon

Histochemical studies on the effect of estrogens on the uterus and vagina of castrated mice. II. Distribution of specific and non-specific phosphatases, non-specific esterase and E 600-resistant esterase and acid desoxyribonuclease in the vagina. Endokr. pol. 14 no.3:247-260 '53.

1. Zaklad Histologii i Embriologii Sl. AM w Zabrze-Rokitnicy
Kierownik: doc. dr A. Vorbrodt.

(VAGINA) (ESTRADIOL) (PHARMACOLOGY)
(HISTOCHEMISTRY) (PHOSPHATASES) (ESTERASES)
(DESOXYRIBONUCLEASE) (PARATHION)

JONEK, Jan; STEPLEWSKI, Zenon

Histochemical studies on the effect of estrogens on the adrenals of castrated mice. Endokr. pol. 14 no.4:371-387
'63.

1. Zaklad Histologii i Embriologii Slaskiej Akademii Medycznej
w Zabrzu-Rokitnicy Kierownik: doc. dr A. Vorbrodt.
(CASTRATION) (ESTRADIOL) (ADRENAL GLANDS)
(ALKALINE PHOSPHATASE) (ACID PHOSPHATASE)
(ADENOSINE TRIPHOSPHATASE) (DESOXYRIBONUCLEASE)
(ESTERASES) (PARATHION) (LIPOAMIDE DEHYDROGENASE)
(HISTOCHEMISTRY)

ZENNEGG, Marian; JONEK, Jan

Contribution to the study of phocomelia. Ginek. pol. 35 no.1:
107-113 Ja-F'64

1. Z II Kliniki Poloznictwa i Chorob Kobiecych Sl. AM w
Bytomiu; kierownik: doc.dr.med.H.Skalba.

*

STEPIEWSKI, Zenon; JONIK, Jan

Histochemical studies on the effect of estrogens on the uterus and vagina in castrated mice. III. Distribution of specific and non-specific phosphatases, acid desoxyribonuclease, non-specific esterase and E-600 resistance esterase in the uterus. Endokr. Pol. 15 no.1:127-144 Ja-F '64.

I. Zaklad Histologii i Embriologii Sz. Akademii Medycznej w Lublinie (Kierownik: doc. dr. A. Vorbrodt)

JONEK, Jan; STĘPIEŃSKI, Zenon; PANASIEWICZ, Małgorzata

Histochemical studies on the effect of estrogens on the uterus and vagina of castrated mice. IV. Distribution of protein SH and SS compounds, mucopolysaccharides and glycogen and metachromatic reactions of the vagina. Endokr. Pol. 15 no.1:145-157 Ja-F '64.

I. Zakład Histologii i Embriologii Sz. Akademii Medycznej w Zabrzu-Rokitnicy (Kierownik: doc. dr. A. Vorbrodt).

JONEK, Jan; STEPLEWSKI, Zenon; PANASIEWICZ, Małgorzata

Histochemical studies on the effect of estrogens on the uterus and
vagina of castrated mice. V. Distribution of -SH and -SS protein
groups, mucopolysaccharides and glycogen and on the metachromatic
reaction of the uterus. Endokr. Pol. 15 no.2:213-225 Mr-Ap '64.

1. Zaklad Histologii i Embriologii Slaskiej Akademii Medycznej w
Zabrze-Rokitnicy (Kierownik: doc. dr. A. Vorbrodt).

JONER, Jan

Histophysiology of hilus cells. I. Morphological studies on hilus
cells in fetal, infantile and mature human ovaries. Endokr. Pol.
15 no. 3:379-388 My-Je '64

1. Zaklad Histologii i Embriologii Slaskiej Akademii Medycznej
w Zabrzu-Rockitnicy (Kierownika doc. dr. A. Vorbrodt).

JONEK, Jan; ZENNEGG, Marian; GLENC, Franciszek

Morphological structure of early human embryos. Ginek. Pol. 35
no.3:457-463 My-Je '64

1. z II Kliniki Poloznictwa i Chorob Kobiecych Slaskiej Aka-
demii Medycznej w Zabrze (Kierownik: prof. dr. med. B.Stepowski
[deceased]).

JONEK, Jan, doc. dr.; SKALBA, Henryk, doc. dr.; KLIMKIEWICZ, Zdzislaw;
DZIECIUCHOWICZ, Lech.

Histochemical reactions of alkaline phosphatases and adenosinetriphosphatase in human placenta in relation to the period of pregnancy. Endokr. Pol. 16 no.3:301-312 My-Je '65.

1. Zaklad Histologii i Embriologii Slaskiej Akademii Medycznej w Zabrzu (Kierownik: doc. dr. J. Jonek); II Klinika Poloznictwa i Chorob Kobieczych Slaskiej Akademii Medycznej w Bytomiu (Kierownik: doc. dr. H. Skalba).

KOSMIDER, Stanislaw; JONEK, Jan; GAJOS, Stanislaw

Histochemical investigation of the behavior of some enzymes
in the lungs during various stages of development of post-
irradiation disease. Pol. przegl. radiol. 29 no.2:215-226
Mr-Ap '65

1. z Kliniki Chorob Wewnetrznych i Zawodowych Slaskiej Akademii Medycznej w Katowicach (Kierownik prof. dr. med. W. Zahorski);
z Zakladu Histologii Slaskiej Akademii Medycznej w Katowicach (Kierownik doc. dr. med. A. Vorbrodt) i z Zakladu Radiologii Slaskiej Akademii Medycznej w Katowicach (Kierownik doc. dr. med. B. Romanowski).

JONEK, Jan; JONEK, Teresa; KOSMIDER, Stanislaw

Activity of some enzymes in the gingival mucosa in acute experimental lead poisoning. Med. pracy 16 no.3:211-218 '65.

1. Z Zakladu Histologii Slaskiej AM w Zabru (Kierownik: doc. dr. med. J. Jonek) i z Kliniki Chirurgii Stomatologicznej Slaskiej AM w Zabru (Kierownik: prof. dr. stom. dr. med. M. Jankowski) oraz z Kliniki Chorob Wewnetrznych i Zawodowych Slaskiej AM w Zabru (Kierownik: prof. dr. med. W. Zahorski).

JONEK, J.; OLKOWSKI, Z.

Dihydronicotinamide-adenine dinucleotide ($NADH_2$) diaphorase,
thiamine pyrophosphatase and acid phosphatase in the spinal
cords of rabbits with chronic manganese poisoning. Acta morph.
acad. sci. Hung. 13 no.4:329-337 '65.

1. Department of Histology and Embryology (Head: Asst. Prof.
J. Jonek), Silesian Academy of Medicine. Submitted July 10,
1964.

JONEK, Jan; JONEK, Teresa; KOSMIDER, Stanislaw

Activity of some enzymes in the gingival mucosa in acute experimental lead poisoning. Med. pracy 16 no.3:211-218 '65.

1. Z Zakladu Histologii Slaskiej AM w Zabrzu (Kierownik: doc. dr. med. J. Jonek) i z Kliniki Chirurgii Stomatologicznej Slaskiej AM w Zabrzu (Kierownik: prof. dr. stom. dr. med. M. Jankowski) oraz z Kliniki Chorob Wewnetrznych i Zawodowych Slaskiej AM w Zabrzu (Kierownik: prof. dr. med. W. Zahorski).

CZECHOSLOVAKIA

JONEC, V; MURGAS, K

Institute of Endocrinology, Slovak Academy of Sciences,
(Endokrinologicky ustav Slovenskej akademie), Bratislava
- (for both)

Bratislava, Bratislavské lekarské listy, No 1, January 1966,
pp 47-52

"Interaction of stress reactions of the pituitary-adrenocortical system during telestimulation of the hypothalamus in rats."

ZIAREK, Stanislaw; JONECKO, Antoni

Effect of intrasplenic oxygen administration on liver glycogen
in the course of experimental traumatic shock. Pol. przegl. chir.
37 no.6:580-584 Je '65.

l. Z I Kliniki Chirurgicznej Slaskiej AM w Zabrzu (Kierownik:
prof. dr. S. Szyszko) i z Oddzialu Chirurgicznego Instytutu
Onkologii w Gliwicach (Ordynator: dr. W. Galecki).

JONEK, Jan; SKALBA, Henryk; KLIMKIEWICZ, Zdzislaw; DZIECIUCHOWICZ, Lech

Study on the behavior of leucine aminopeptidase in cancer of
the uterine cervix. Ginek. Pol. 36 no.9:985-991 S '65.

1. Z Zakladu Histologii i Embriologii Slaskiej AM w Zabrzu.
Rokitnicy (Kierownik: doc. dr. med. J. Jonek) i z II Kliniki
Poznictwa i Chorob Kobiecych Slaskiej AM w Bytomiu (Kierownik:
doc. dr. med. H. Skalba).

JONES, G.T.; RANDIC, M.; TURNER, J.J.

The NMR spectra of allyl a.cohol-d₂ and allyl alcohol. Croat
chem acta 36 no.3:111-117 '64.

1. Department of Chemistry, The University, Sheffield, England.
2. Visiting from the Ruder Boskovic Institute, Zagreb (for
Randic).
3. University Central Laboratories, Cambridge, England
(for Turner).

POLAND/Organic Chemistry. Synthetic Organic Chemistry G
Abs Jour: Ref Zhur - Khim., No. 4, 1959, 11379
Author : Jones J., Kolinski R., Piotrowska H., Urbanski T.
Inst : None.
Title : The Aliphatic Nitro Compounds. XXVIII. Deriva-
tives of 1,5-diazobicyclo-[3.3.3]-undecane from
1-nitropropane, Formaldehyde and Ammonia.
Orig Pub: Roczn. chem., 1957, 31, No. 1, 101-108
Abstract: 2-nitro-2-ethylpropanediol-1,3 (I), in the
presence of an excess aqueous solution of NH₃ at
a temperature of 25°, produces 3,7,10-trinitro-
3,7,10-triethyl-1,5-diazobicyclo-[3.3.3]-
undecane (II) and 5-nitro-5-ethylhexahydro-
pyrimidine. The hydrolysis of II by alcoholic
HCl leads to 3,7-dinitro-3,7-diethylazocyclo-

Card 1/3

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POLAND/Organic Chemistry. Synthetic Organic Chemistry G

Abs Jour: Ref Zhur - Khim., No. 4, 1959, 11879

octane, $C_2H_5C(NO_2)CH_2NHCH_2C(NO_2)(C_2H_5)CH_2NHCH_2$ (III), which on heating with I reproduces II. The excess of NH_3 at 100° is transferred from I into III, 0.2 mole of I and 1 mole of 25% NH_3 are left for 3 days at about 20° . The tar is separated, dissolved in alcohol and left for several weeks - II is produced (yield, 10-30%; melting point, $107-108^\circ$); the mononitroso derivative's melting point is $101-103^\circ$ (from alcohol). The filtrate, which is treated with alcoholic HCl, is separated (0° , several days) from some hydrochlorides of III (melting point, $167-168^\circ$); the basic material (melting point, $63-64^\circ$); the mono-N,n-toluolsulphonyl derivative melting point, $138-140^\circ$ (from alcohol). The hydrochloride of II (melting point, $143-145^\circ$ decomp.) is hydrolyzed by water to I. The condensation of I with 25% NH_3 at about 100° leads

Card 2/3

COUNTRY : POLAND
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Ceramics. Glass. Binding Materials.*
ABS. JOUR. : RzehKhim., No 19, 1959, No. 68637

AUTHOR : Jones, R.; Sawczuk, A.
PUBLISHER : -
TITLE : Methods of Testing Concrete Without its Destruction.
ORIG. PUB. : Inzja i budown., 1959, 16, No 1, 27-30

ABSTRACT : A discussion of questions and answers of the international bulletin RILEM pertaining to testing of concrete without its destruction.

Card: *Concrete.
1/1

DENISKI, A., doc. dr.; JONESCU, M.

The treatment of the rheumatic hand. Chir. narzad. ruchu orto.
Pol. 28 no. 7s1065-1068 '63

1. Z Kliniki Ortopedycznej i Traumatologicznej Wydziału Doskow-
nienia Lekarzy Farmaceutów w Bukareszcie (Kierownik Kliniki:
doc. dr. A. Deniski).

JONESCU, Paul

Mechanization of bookkeeping. Rev cailor fer 10 no.2:76-80
F '62.

1. Directia Contabilitatii si Plan Financiar.

Country : CZECHOSLOVAKIA
Category : Chemical Technology. Chemical Products (Part 4).
 : Lacquers. Paints. Coatings H
Abs. Jour. : Ref Zhur-Khim, 1959, No 7, 25538

Author : Pollinszky, K.; Ochsenfeld, V.; Jonge, J. de; *
Institut. : -
Title : Comments on the Technical Process of the Manufacture of Paris Blue

Orig Pub. : Chem. zvesti, 1957, 11, No 2, 96-106

Abstract : During the examination of the composition of the white mass that appears as an intermediate product in the production of Paris blue, it was found that the white mass has the composition $K_2Fe/Fe(CN)_6$ and adsorbs $FeSO_4$. The amount of $FeSO_4$ adsorbed on the white mass depends on the concentration of the original solutions. In the process, well-known regularities of adsorption

* Szigeti, G.

Card: 1/3

Country : CZECHOSLOVAKIA
Category : Chemical Technology. Chemical Products (Part 4).
 : Lacquers. Prints. Coatings
Abs. Jour. : Ref Zhar - Khim., No 7, 1959, 25538

H

Author :
Institut. :
Title :

Orig. Pub. :

Abstract : are observed. The concentrations of the solutions used, and the rate and course of the mixing have an effect on the nature of the white mass. The greatest influence on the composition of the precipitate is exerted by the temperature of the precipitation and the molecular ratio of $\text{FeSO}_4 : \text{K}_4[\text{Fe}(\text{CN})_6]_7$. Upon boiling the white mass in acid solution, a desorption of FeSO_4 occurs. By long-lasting boiling, a precipitate of the composition $\text{K}_2\text{Fe}[\text{Fe}(\text{CN})_6]_7$ may be obtained.

Card: 2/3

H-138

Country	:	СССР/СОВЕТСКАЯ
Category	:	Chemical Technology. Chemical Products (Part 4). Lacquers. Paints. Coatings.
Abc. Jour.	:	Ref Zhur - Khim., No 7, 1959
Author	:	
Institut.	:	
Title	:	
Orig. Pub.	:	
Abstract	:	The quality of the pigment improves with increase of the K content, which depends on the composition of the white mass. The greater the K content, the brighter the pigment, the greater its covering capacity and the lighter its shade. -- V. Ufimtsov

Card: 3/3